WHAT IS CLAIMED IS:

1. An information processing method for processing a file containing reversibly compressed or non-compressed digital image data obtained by digitally

5 converting a signal that has been output from an image sensing device, said method including process of:

converting the digital image data contained in the file to data having a prescribed format by selectively executing a signal processing of a

10 plurality of types by using any of at least a plurality of types of luminance signal generating processing methods and/or a plurality of types of color signal generating processing methods;

selecting automatically signal processing to be

15 used from among the plurality of types of signal processing based upon information contained in the file; and

causing said conversion to be executed using the signal processing selected in the selecting process so

20 that the digital image data contained in the file is converted to data having the prescribed format.

2. The method according to claim 1, wherein the selecting process includes selecting process for emphasizing high frequency of a luminance signal in

25 the luminance signal generating process.

3. The method according to claim 1, further decompressing a plurality of types for decompressing

the digital image data described in the file;

wherein in the selecting process, decompression processing, which is used in said decompressing, is selected based upon information contained in the file.

5 4. The method according to claim 1, wherein the signal processing is executed in the converting process using an image processing parameter set by a user.

5. The method according to claim 1, wherein, in the 10 selecting process, the signal processing to be used is selected, based upon at least any of product information specifying an apparatus that is the source of generation of the file, color-filter information specifying a color filter used by an image sensing 15 device in the apparatus that is the source of generation of the file, and an extension of the file.

6. The method according to claim 1, wherein signal processing of the plurality of types in the converting process includes first process for generating a 20 luminance signal using color signals of all colors included in the digital image data, and second processing for generating a luminance signal using a color signal of a specific color included in the digital image data; and

25   in the selecting process, either the first processing or the second processing is selected.

7. The method according to claim 1, wherein signal

processing of the plurality of types in the converting

process includes high-frequency emphasis processing

for causing a high-frequency emphasis signal to act

upon a luminance signal that has been obtained by

5   conversion from the digital image data, said high-

frequency emphasis signal being obtained by either

first processing for generating a high-frequency

emphasis signal using color signals of all colors

included in the digital image data, or second

10 processing for generating a high-frequency emphasis

signal using a color signal of a specific color

included in the digital image data; and

in the selecting process, either the first

processing or the second processing is selected.

15 8. An information processing method for processing a

file containing reversibly compressed or non-

compressed digital image data obtained by digitally

converting a signal that has been output from an image

sensing device, and converting the data to data having

20 a prescribed format, the method including process of:

executing signal processing upon changing over a

plurality of types of luminance signal generating

processing methods and/or a plurality of types of

color signal generating processing methods prepared in

25 advance; and

converting the digital image data contained in

the file to data having the prescribed format by

changing over signal process, which is used in the executing process, based upon an extension of a file to be processed.

9. The method according to claim 8, further changing over a compressed-file decompression processing method in accordance with the extension.

10. The method according to claim 8, wherein use is made of a table for changing over the signal processing in accordance with the extension.

11. The method according to claim 8, wherein the signal processing is changed over in accordance with the extension and the signal processing is changed over upon referring to tag information that has been correlated with the digital image data.

12. The method according to claim 8, wherein the signal processing is executed at converting process using an image processing parameter set by a user.

13. An information processing apparatus for processing a file containing reversibly compressed or non-compressed digital image data obtained by digitally converting a signal that has been output from an image sensing device, said apparatus comprising:

a conversion part which converts reversibly compressed or non-compressed digital image data contained in the file, which is obtained by digitally converting a signal that has been output from the

image sensing device, to data having a prescribed

format, by selectively executing signal processing of

a plurality of types by using any of at least a

plurality of types of luminance signal generating

5 processing methods and/or a plurality of types of

color signal generating processing methods;

a selection part which selects conversion

processing to be used from among the plurality of

types of signal processing based upon information

10 contained in the file; and

an execution part which actuates said conversion

part using the conversion processing selected by said

selection part so that the digital image data

contained in the file is converted to data having the

15 prescribed format.

14. The apparatus according to claim 13, wherein the

signal processing is changed over in accordance with

the extension and the conversion processing is changed

over upon referring to tag information that has been

20 correlated with the digital image data.

15. The apparatus according to claim 13, wherein said

conversion part executes signal processing using an

image processing parameter set by a user.

16. An information processing apparatus for

25 processing a file containing reversibly compressed or

non-compressed digital image data obtained by

digitally converting a signal that has been output

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from an image sensing device, and converting the data
to data having a prescribed format, comprising:

a processing part which executes signal
processing upon changing over a plurality of types of
5   luminance signal generating processing methods and/or
a plurality of types of color signal generating
processing methods prepared in advance; and

a conversion part which changes over signal
processing, which is used by said processing part,
10   based upon an extension of a file to be processed, and
converting the digital image data contained in the
file to data having the prescribed format.

17.   A storage medium storing a control program for
implementing, by computer, the information processing
15   method set forth in claim 1.

18.   A control program for implementing, by computer,
the information processing method set forth in claim 1.